Original/Duplicate/Triplicate

P.W.G. 17 1st and Final bill

CONTRACT CERTIFICATE

Reference paras

NO

Division Dasarahalli Sub division T.Dasarahalli Date

Bill received No Date Sub-divisional Cash book vr No

Divisional Date

Sheduled Docket No Head of account

Name of work(as per sanctioned estimate) **NAME OF WORK : Improvements to roads and drains at Sheshadri layout cross roads and west side roads of byraveshwara Nagara in Bagalagunte in ward no. 14**

Work Code

Name of contractor and full address :-

Reference to agreement No : - Estimated cost : 50 00 lakhs Work order No

Certified that the measurments were taken by me on and recorded on pages 66810 to 66815/2 of measurment book No 669/2017-18 and the work is satisfactorily executed by the contractor.

Signature of contractor

Officer in Charge of Work

Certified that the measurments were taken by me on 31/5/18 and recorded correct The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub divisional officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within

2) Deduct amount to be held in reserve being-----percent Rs----------%--------

3) Balance---

4) **Deduct payments**

a) Amount of previous payment as in divisional/sub divisional

cash book vr No----------dated----------S.D No----------Amount adjusted towards cash advance recovery of

b) Cost of payments/stores or other materials supplied now made recovery of

Amount paid on this bill by cheque/cash

Total

5). Balance being unpaid value of work done held in reserve

6) Deduct cash of advance made on divisional/sub divisional cash book

7) Net amount due to or from contractor

UN ADJUSTED ITEMS

8) Advance to contractor for materials to site(as detailed within)

9) Value of government materials supplied.

TOTAL AMOUNT UN-ADJUSTED

Contractor's signatures

Received Rs (in words)

For use in the Executive Engineer's office

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

Reciept Stamp

Dated signature of contractor

paid by me cheque No dated

Cash Rs

Date Initials of officer making payment Date Executive Engineer

Sl. No	Items of Work (grouped under sub headsthe sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	Earthwork excavation by manual meuns in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications complete as per the direction of Engineer-in-charge of the work.	Cum			557.50	88.66	49428.00	557.50	49428.00
2	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications. (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) complete as per the direction of Engineer-in-charge of the work.	Cum			1738.25	326.52	567573.00	1738.25	567573.00
3	Grading I material construction of granular sub-base by providing coarse graded crushed stone aggregates of Granite/ trap/basalt material spreading in uniform layers with motir grader on prepared surface mixing by a mix in place method with rotawater at OMC, and Compacting with vibratory roller to achieve the desired density, complete as per specifications.by mix in a Place method for course Graded Granular Sub Base Material as per 400-2 for grading I material complete as per the direction of Engineer-in-charge of the work. .	Cum			579.60	1549.36	898009.00	579.60	898009.00
4	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications, Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.	Cum			772.62	1803.44	1393374.00	772.62	1393374.00

5	Providing and applying primer coat with S.S. Bitumen emulsion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.	Sqm			3640.00	28.11	102320.00	3640.00	102320.00
6	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications complete as per the direction of Engineer-in-charge of the work.	Sqm			3640.00	3.24	11794.00	3640.00	11794.00
7	Providing and applying tack coat on the prepared black topped surfaces at 5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications. complete as per the direction of Engineer-in-charge of the work.	Sqm			3640.00	11.89	43280.00	3640.00	43280.00
8	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75mm compacted thickness with 3.3% bitumen but excluding the cost of primer/tack coat with lead incl. cost of all materials, labour, HOM of machineries complete as per specifications using 40/60TPH capacity H.M.P with Mechanical paver Gr II (50/75mm) with 3.4% VG-30 Bitumen as per the directions of Engineer-in-charge of the work	Cum			182.00	5231.93	952211.00	182.00	952211.00

9	KSRRB M500-19. Providing and laying bituminous concrete with hot mix plant using crushed aggregates of specified grading, pre mixed with bituminous binder and filler, transporting the hot mix to work site laying with paver finisher to the required grade, level and alignment . Rolling with smooth wheeled Vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause no 500.9 complete in all respects complete as per specifications MORTH specification No509, using 40/60 TPH capacity H.M.P with mechanical paver Gr II (30mm to 45mm) with 5.4% VG-30Bitumen complete as per the direction of Engineer-in-charge of the work	Cum			109.20	7225.66	789042.00	109.20	789042.00
10	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km complete as per the direction of Engineer-in-charge of the work.	Cum			557.50	87.36	48703.00	557.50	48703.00
	Total						**4855734.00**		**4855734.00**

Certificate:

Certified that the contractor has work done satisfactorily.
The contractor has removed the debries from work site.
There is no dept. materials issued to the contractor.

Assistant Engineer
Ward 14

Assistant Executive Engineer
Dasarahalli Sub Division